

**CLAIMS**

1. A method in the on-line finishing of the paper machine, which includes at least the successive finishing stages 5 of precalendering (12) and coating (13) for the paper web produced in the paper machine prior to reeling, in which method a tail is formed from the paper web, and this tail is taken through the finishing stages (12, 13) in such a way that after the tail threading procedure of the finishing stage (12, 13) the 10 tail is spread to a fully wide paper web prior to forming and taking the following tail to the following finishing stage (12, 13), characterized in that prior to starting the tail threading procedure of the following finishing stage (12, 13) and forming the tail, this finishing stage (12, 13) is set to the production 15 settings while the paper web is spread in its full width.
2. A method as set forth in claim 1, characterized in that a draw point (24) forming a single contact is arranged at the end of at least one finishing stage (12, 13) for tensioning 20 and holding the paper web in the finishing stage (12, 13) concerned.
3. A method as set forth in claim 2, characterized in that the desired paper web properties are determined at the 25 draw point (24) of at least one finishing stage (12, 13) and/or prior to it.
4. A method as set forth in claim 3, characterized in that the finishing stage (12, 13) is adjusted based on the 30 determined properties of the web for setting this finishing stage (12, 13) to the production settings.
5. A method as set forth in any of the claims 1 - 4, characterized in that a third finishing stage is used in the 35 on-line finishing, which is calendering (14) adapted after coating (13).

6. A method as set forth in any of the claims 1 - 5, characterized in that the properties of the tail are changed in the tail formation to ensure a successful tail threading.

5 7. An arrangement in the on-line finishing of the paper machine, which includes at least the successive finishing stages of precalendering (12) and coating (13) for the paper web produced in the paper machine before reeling, and in which finishing stages (12, 13) each stage has cutting equipment (16)  
10 for forming a tail from the fully wide paper web as well as tail threading equipment (15) for taking the formed tail through the finishing stage (12, 13), the cutting equipment (16) being adapted to cut the tail from the paper web within its open draw, characterized in that at the end of each finishing stage (12, 13) there is a draw point (24) forming a single contact for tensioning and holding the paper web in this finishing stage (12, 13), and prior to the draw point (24), there  
15 are arranged measuring elements (25) at least in one finishing stage (12, 13) for determining the desired paper web properties  
20 and in this way setting this finishing stage (12, 13) to the production settings while the paper web is spread in its full width.

8. An arrangement as set forth in claim 7, characterized  
25 in that the cutting equipment (16) is arranged prior to the draw point (24) and is composed of water cutters.

9. An arrangement as set forth in claim 7 or 8, characterized in that the draw point (24) forming a single contact is  
30 arranged as a roll nip between two rolls or as a fabric transfer.

10. An arrangement as set forth in claim 9, characterized  
in that arranged as one roll in the roll nip is a counter roll  
35 (21) adapted to precalendering (12) while the other one is a separate auxiliary roll (26).

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11. An arrangement as set forth in claim 9, characterized in that the rolls of the roll nip are both auxiliary rolls (27), which are arranged separate from the equipment included in the finishing stage (12, 13).

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12. An arrangement as set forth in claim 9, characterized in that the fabric transfer is formed between one dryer cylinder (28) and a dryer wire (29) arranged in contact with it.